



**aluPE-X (composite) pipes**

pipe Ø (mm)    pipe type    pipe thickness (mm)    construct. type

**standard classification ≤ Ø75 mm**

≤ Ø25	aluPE-X (2,0 up to 2,5) <b>non-insulated</b>	1+2+3
≤ Ø25 + Armaflex	aluPE-X (2,0 up to 2,5) + <b>Armaflex AF 13mm 700LS</b>	1+2+3+5
	in FR mortar or PA board <b>MIXED</b>	
≤ Ø75 + Armaflex	aluPE-X (2,0 up to 7,5) + <b>Armaflex AF 13mm 700LS</b>	1+2+3
	in FR mortar or PA board	
	in FR mortar	2+3
	in <b>rigid</b> walls + floors	3+5

Graphite DoP CPR-14/0273	or	Acrylic or PA sealer DoP CPR-14/0273	or	Wrap DoP CPR-14/0251
<a href="#">EI 120 U/C in walls</a> joint 10x25mm		<a href="#">EI 120 U/C in walls</a> joint 10x25mm		
<a href="#">EI 60 U/C in walls + floors</a> joint 10x25mm				
in FR mortar or PA board: <a href="#">EI 60 U/C in walls + floors</a> joint 10x25mm				
in FR mortar or PA board: <a href="#">EI 90 U/C in walls + floors</a> joint 10x25mm				
<a href="#">EI 60 U/C in walls</a> joint 10x25mm			<a href="#">EI 60 U/C in walls</a>	
in FR mortar or PA board: <a href="#">EI 60 U/C in walls</a> joint 10x25mm			Wrap: 2 layers in FR mortar or PA board: <a href="#">EI 60 U/C in walls</a> Wrap: 2 layers	
in FR mortar: <a href="#">EI 120 U/C in walls</a> joint 10x25mm		in FR mortar: <a href="#">EI 60 U/C in walls</a> joint 10x25mm		in FR mortar: <a href="#">EI 90 U/C in walls</a> Wrap: 1 layer
		<a href="#">EI 120 U/C in walls + floors</a> joint 10x25mm		

opening in supporting construction			
max. opening (mm)	FR mortar DoP CPR-14/0260	or	PA board DoP CPR-14/0260
26 up to 45			
walls: 600x1200 + 25% floors: 600x5000	FR mortar 100mm		PA board 2x 50mm 2S
walls + floors: 1000x1200	FR mortar 100mm		PA board 2x 50mm 2S
mastic: 62 up to 121 wrap: 50 up to 109			
600x1200	FR mortar 100mm		PA board 2x 50mm 2S
mastic:121 wrap: 105	FR mortar 100mm		
102 up to 120			

**use PA board if annular space of pipe is larger; see How-to-read**

mastic: apply on **2 sides**, also in floors!

joint details: min. W x D in mm

pipe insulation LS = **total** length in mm through construction

wrap: apply with smoke seal Acrylic on **2 sides**

**NOTE:**  
PE-Xa pipes: see [page 2](#)

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